

MOULDED PART FOR CONNECTION TO A WHEEL RIM AND WHEEL RIM WHICH IS
CONNECTED TO A MOULDED PART
Docket No. 14234

SPECIFICATION AMENDMENTS

Please add the following paragraphs at page 1, line 4:

Applicant claims priority from PCT Application number PCT/EP2004/003276 filed on 27 March 2004 filed with the European Patent Office and German Application Number 103 14 498.6 filed on 27 March 2003 filed with the German Patent and Trademark Office.

Please replace the paragraph at page 1, line 4 to page 2, line 11 with the following paragraphs:

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a shaped object adapted for being connected with a rim at a point located in the rim well, having a contact surface intended to rest on the rim well.

Description of Related Art

A shaped object known from EP 0 751 017 B1 has the form of a housing which contains a device for measuring the air pressure in a pneumatic tire mounted on the rim. The known housing is firmly connected with the base of a valve by screwing. The valve bore, through which air can be pumped into the tire, is configured for this purpose as a threaded bore, and the housing of the device for measuring the air pressure is provided with an oblong hole through which a hollow screw can be screwed into the thread of the valve bore. The screw is firmly tightened so that the housing is fixed on the base of the valve. The valve base is made from metal for this purpose and its outer shape is that of a spherical segment that fits into a recess in the housing of the device for measuring the tire pressure, which latter is designed as a complementary spherical cap for this purpose. In order to permit the housing to be supported on the rim well, the housing is provided on its side facing the rim well with two feet, which are provided with a contact surface that gets into contact with the rim well and by means of which the housing can be placed on the rim well. In order to ensure that the feet will actually reach the rim well even with rims of different shapes, the oblong hole permits the housing to be fixed on the valve base in different orientations relative to the lengthwise axis of the valve bore. This arrangement allows one and the same housing of the device for measuring the air pressure to be solidly mounted in wheels with rims of different configurations. However, it is a disadvantage of that arrangement that for mounting the housing an especially adapted valve is needed whose valve bore in the valve base is configured as a threaded bore for receiving a special screw with a through bore by means of which the housing can be screwed down on the valve base. The specially designed valve and the special screw with passage bore are expensive.

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Please add the following paragraph at page 3, line 5:

SUMMARY OF THE INVENTION

Please add the following paragraph at page 10, line 9:

BRIEF DESCRIPTION OF THE FIGURES

Please add the following paragraph at page 11, line 8:

DETAILED DESCRIPTION OF THE INVENTION